

## **1. Overview of Operations:**

- The Region 6 Emergency Operations Center (REOC) monitors data gathering activity from both BP and NOAA boats. EPA uses two BP boats collecting data and NOAA has as many as three boats out collecting data.
- The REOC reports the activity of the NOAA boats, but no data. The BP boats, the Brooks McCall and the Ocean Veritas, collect measurements on temperature, dissolved oxygen, salinity, and florescence. They also collect samples for rotifer toxicity test and total petroleum hydrocarbons (TPH).
- The Brooks McCall and Ocean Veritas alternate data gathering cruises so that one boat is gathering data while the other is in transit or in port.
- Brooks McCall concluded its 6<sup>th</sup> mission on 6/20. The REOC received the rotifer toxicity data from the Brooks McCall on 6/21/10.

## **2. Data Issues with the Ocean Veritas 6/20/10 through 6/22/10**

- The Ocean Veritas had technical trouble with its sampling equipment throughout its 5<sup>th</sup> mission. Ocean Veritas did not gather sampling data at stations 56 – 61.
- The CTD/fluorometer did not reliably transmit data to the surface. The crew replaced the slip ring to improve operations.
- At Station 62 CTD data was gathered as well as three water samples for rotifer toxicity data. After the cast at Station 62, the system lost conductivity and the crew determined that more repairs were required, which may have ended the cruise one day early. Samples were gathered at 1310m, 1240m, and 1150m for rotifer toxicity tests.
- Ocean Veritas ended its 5<sup>th</sup> mission and returned to port on 6/22/10. The crew reported that the system lost conductivity after the last cast at station 62. The sealing compound for the array needs longer curing time and the time in port will allow the repairs. Brooks McCall should be on station gathering data on 6/23/10.